

1 January – 30 July 2007

Provisional data

Monthly infectious disease summary report

July 2007



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 July 2007

Provisional data

South Dakota infectious disease summary

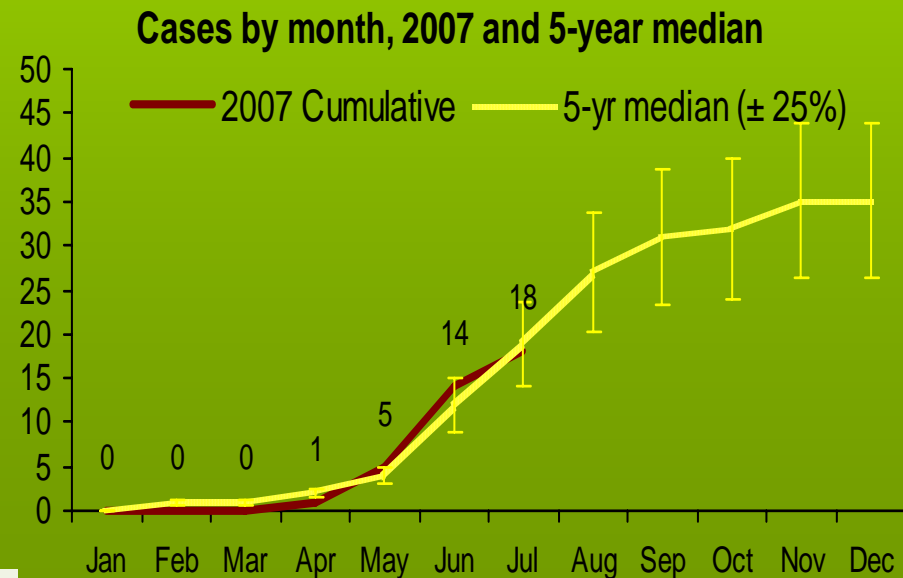
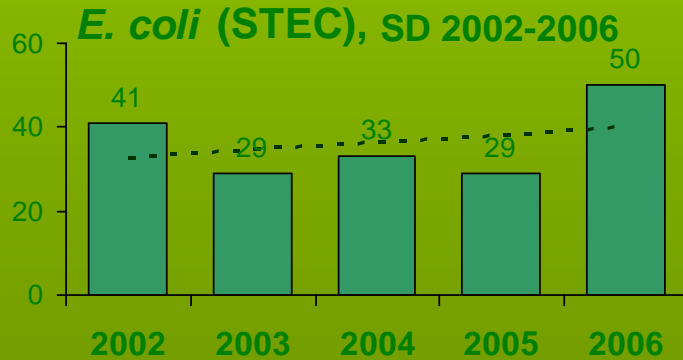
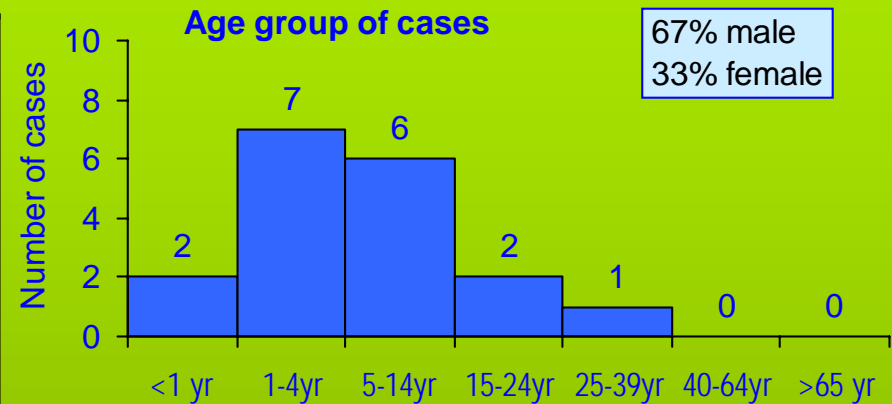
Diseases/Agent	Cases year-to-date	Incidence year-to-date	5-yr median cases	Percent change
Campylobacter	134	17.1	132	+2%
Chlamydia	1460	186.7	1462	0%
Cryptosporidiosis	64	8.2	22	+191%
E. coli, shiga toxin-producing	18	2.3	19	-5%
Giardiasis	33	4.2	46	-28%
Gonorrhea	143	18.3	150	-5%
Hepatitis A	5	0.6	2	+150%
HIV AIDS	15	1.9	15	0%
Meningococcal, invasive	3	0.4	2	+50%
Pertussis	40	5.1	9	+344%
Rabies	10	NA	52	-81%
Salmonella	91	11.6	61	+49%
Shigellosis	79	10.1	20	+295%
Strep A, invasive	7	0.9	10	-30%
Strep B, invasive	9	1.2	9	0%
Syphilis, early	7	0.9	1	+600%
Tuberculosis	7	0.9	9	-22%
West Nile	46	5.9	30	+53%

1 January – 30 July 2007

Provisional data

E. coli, shiga toxin-producing, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	6	4.0
Northeast	4	2.2
Southeast	7	2.7
West	1	0.5
TOTAL	18	2.3 -5%
5-year median	19	2.4



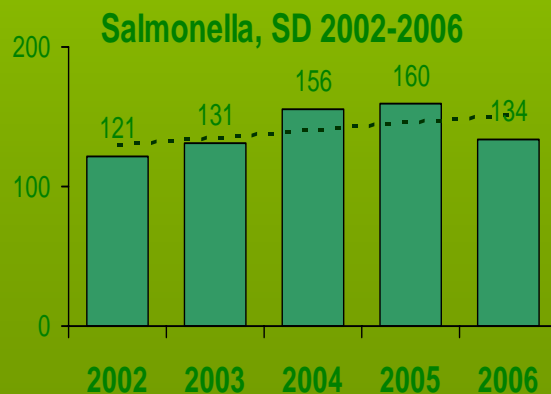
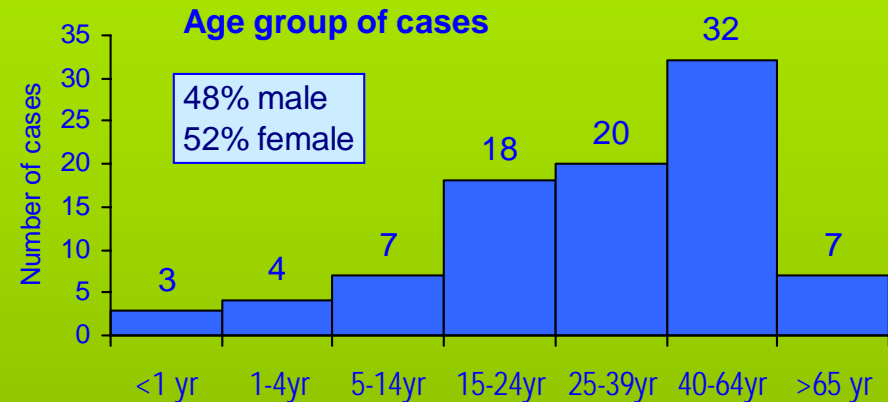
E. coli fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 July 2007

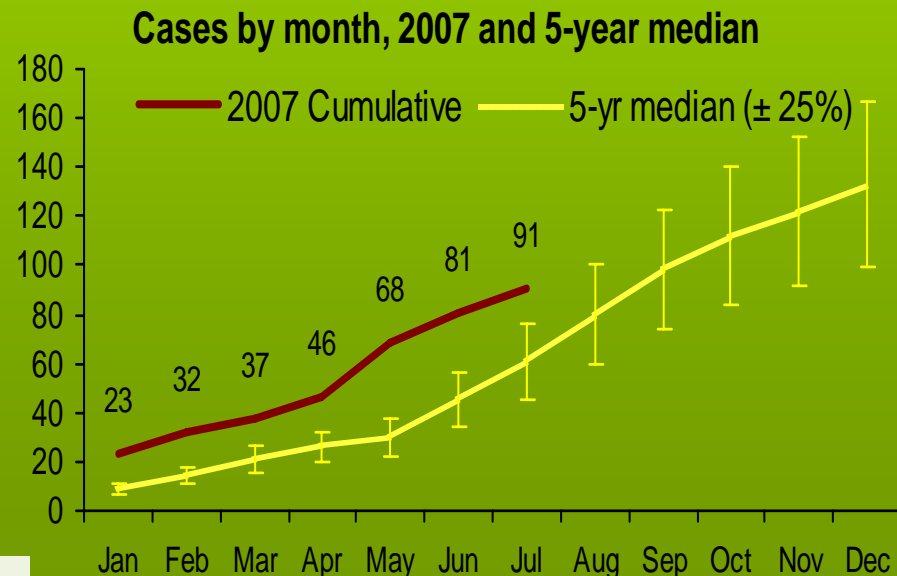
Provisional data

Salmonellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	16	6.7
Northeast	21	11.6
Southeast	34	13.0
Western	20	10.5
TOTAL	91	11.6 +49%
5-year median	61	7.9



Serotype (number)
 S. Typhimurium 19
 S. Enteritidis 15
 S. Muenchen 6
 S. Tennessee 5
 S. Newport 4
 S. Montevideo 3
 All other serotypes 2 or less.



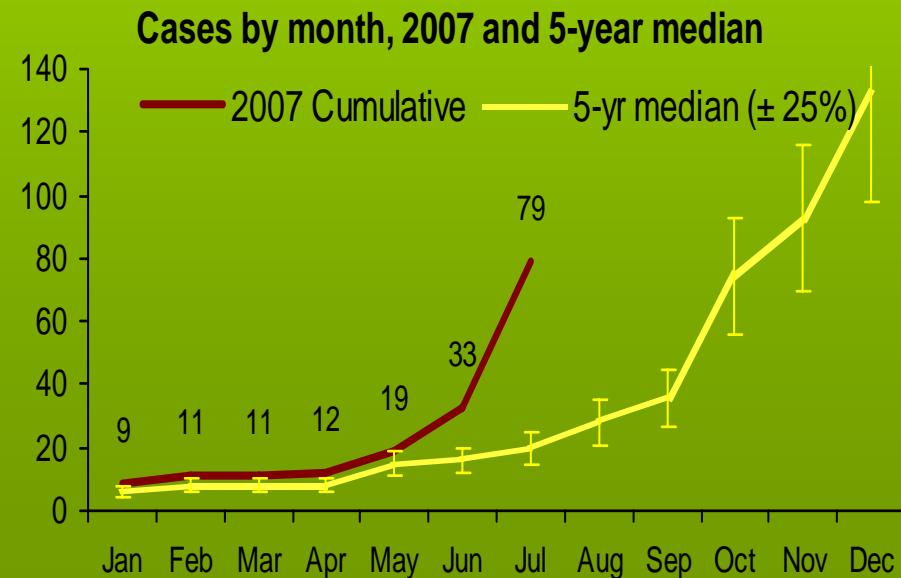
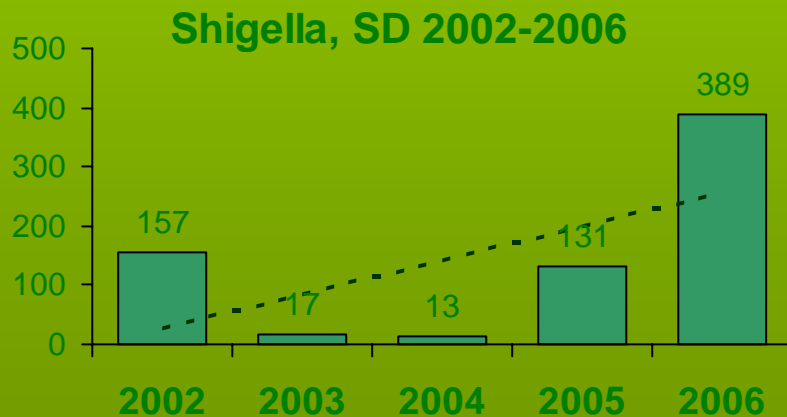
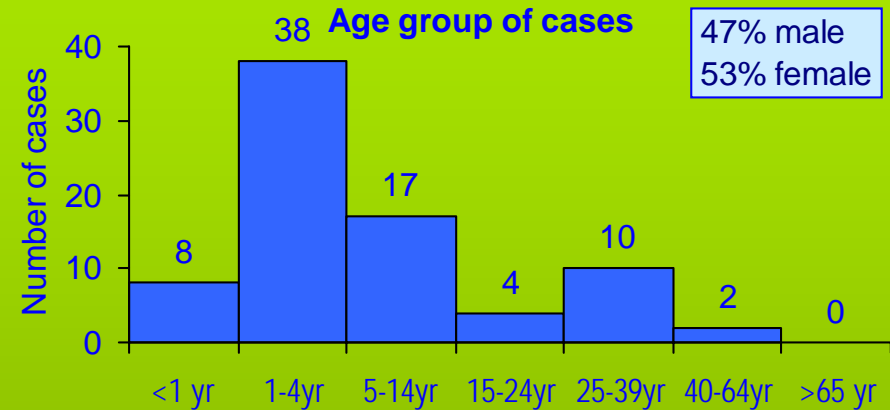
Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 July 2007

Provisional data

Shigellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	65	43.7
Northeast	1	0.6
Southeast	4	1.5
Western	9	4.7
TOTAL	79	10.1 +295%
5-year median	20	2.6



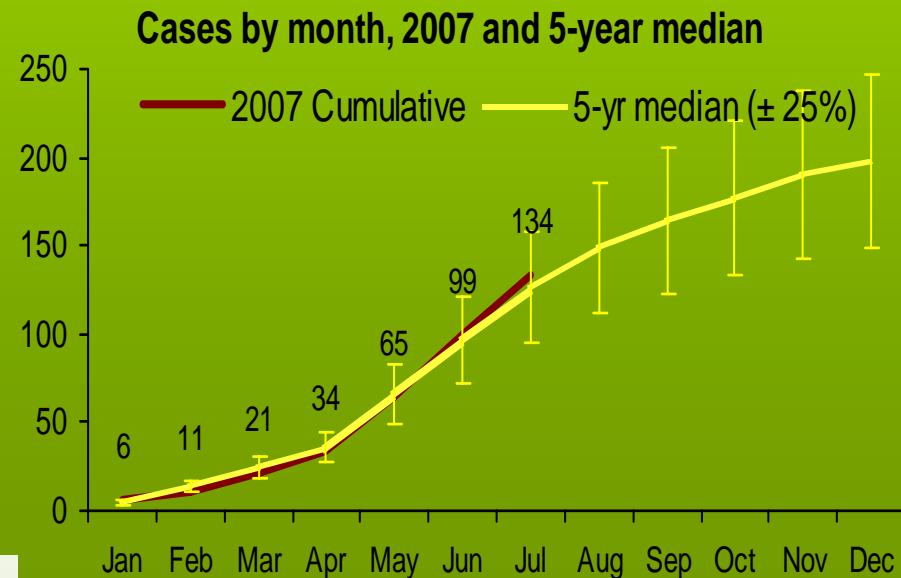
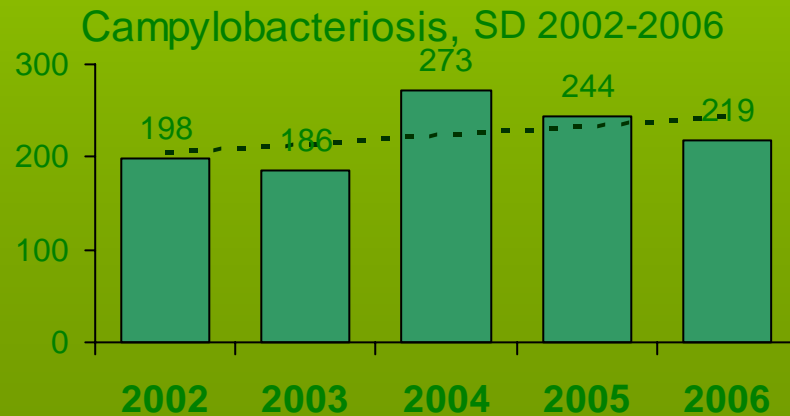
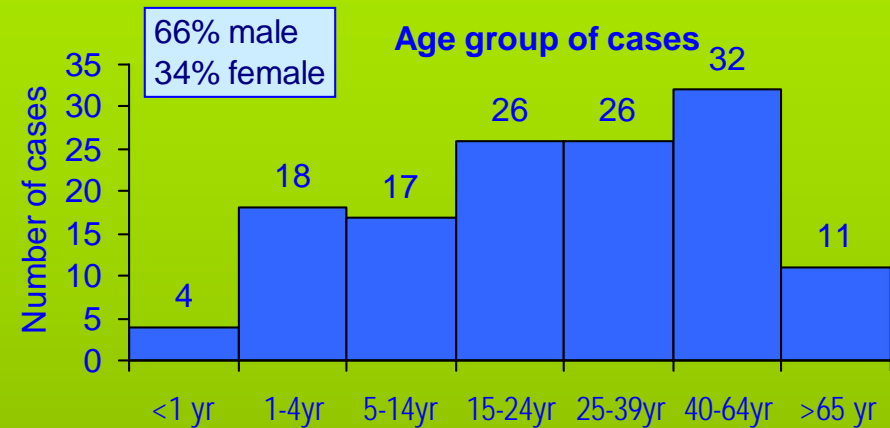
Shigella fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 July 2007

Provisional data

Campylobacteriosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	53	35.6
Northeast	33	18.2
Southeast	35	13.4
Western	13	6.8
TOTAL	134	17.1 +2%
5-year median	132	17.0



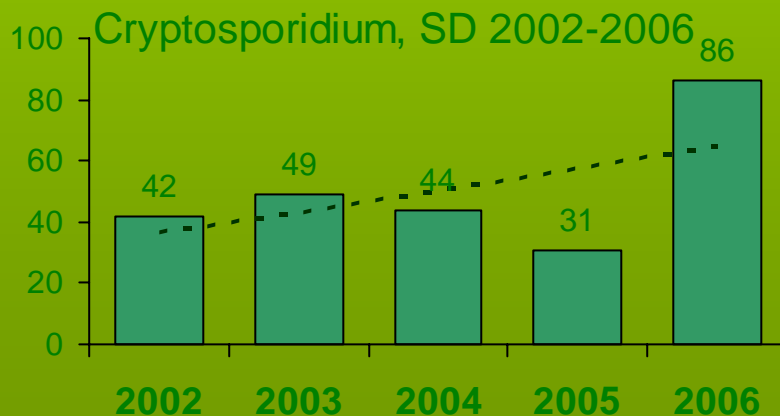
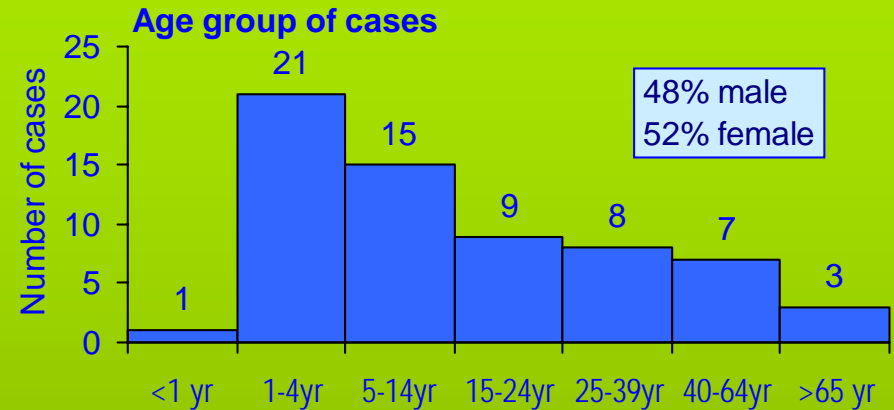
Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 July 2007

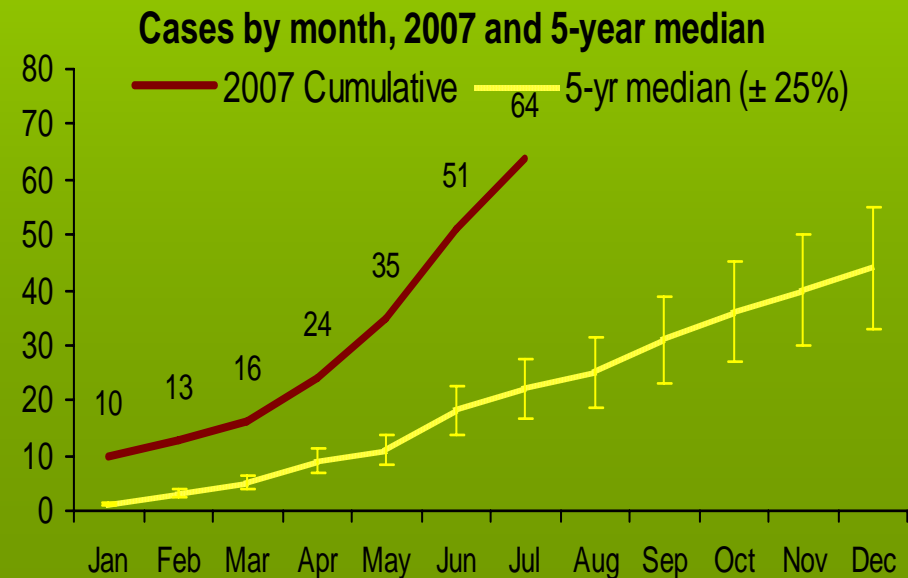
Provisional data

Cryptosporidiosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	19	12.8
Northeast	26	14.3
Southeast	19	7.3
Western	0	0.0
TOTAL	64	8.2 +191%
5-year median	22	2.8



Cryptosporidiosis fact sheet:
<http://doh.sd.gov/diseasefacts>

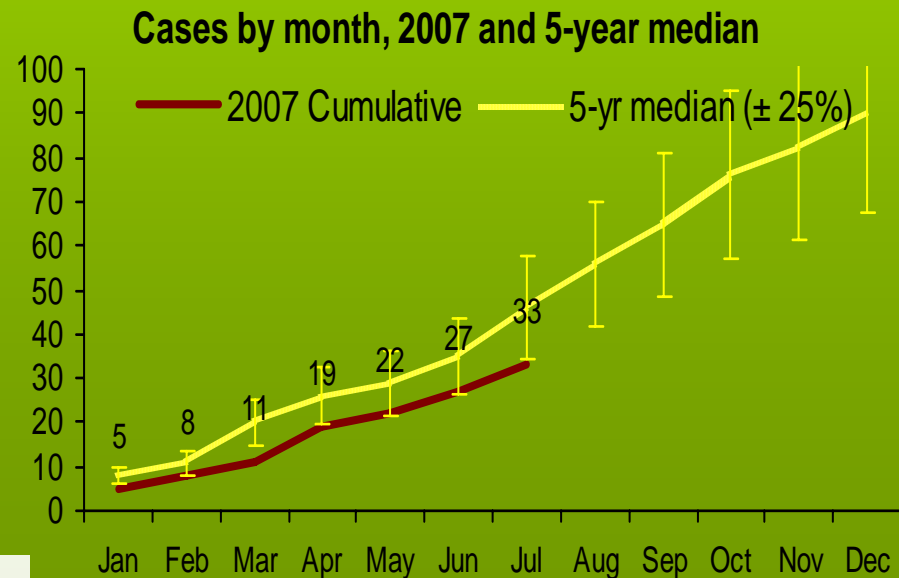
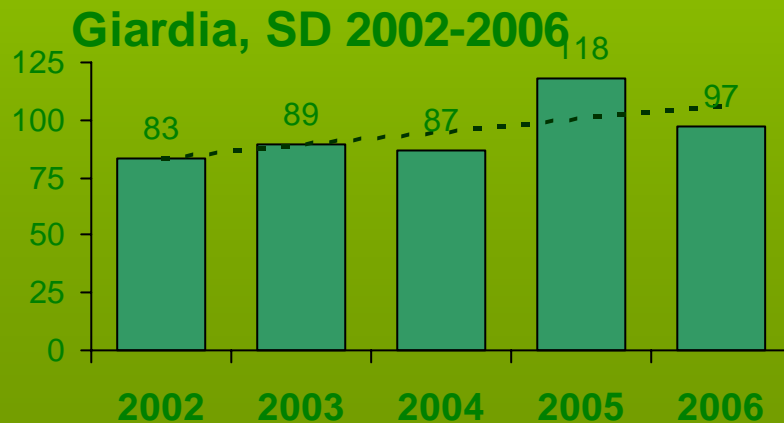
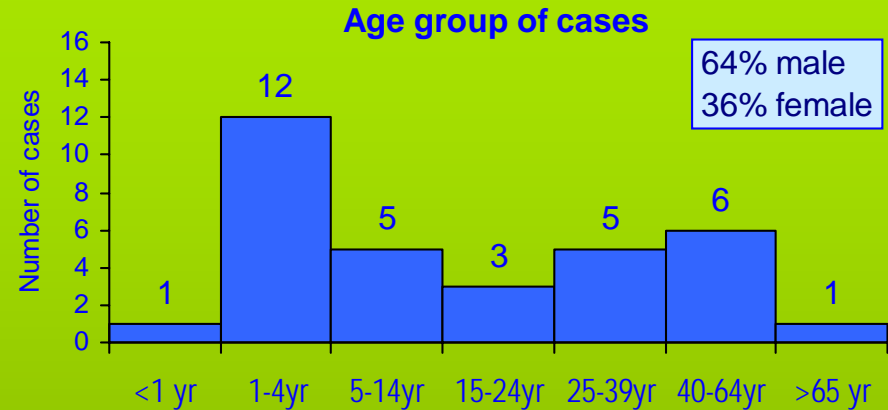


1 January – 30 July 2007

Provisional data

Giardiasis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	5	2.8
Southeast	13	5.0
Western	13	6.8
TOTAL	33	4.2 -28%
5-year median	46	5.9



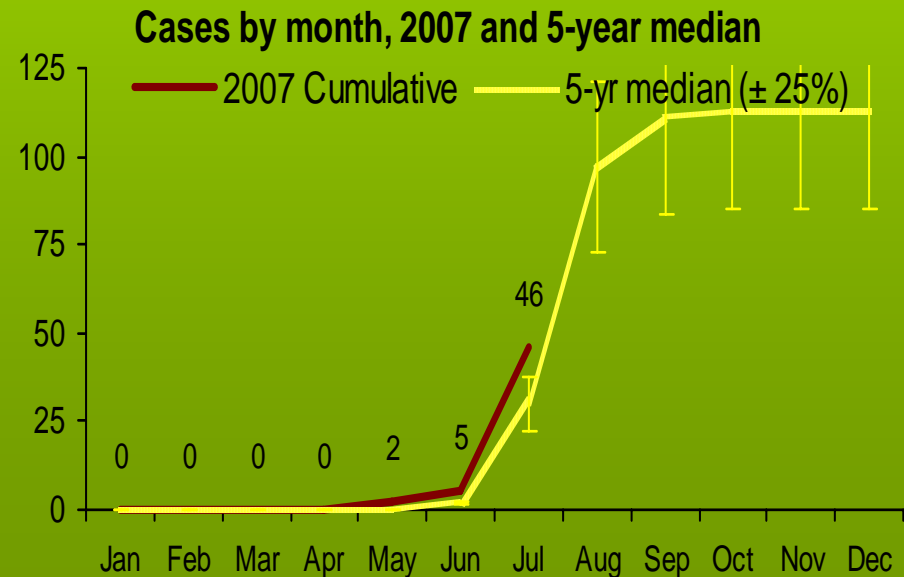
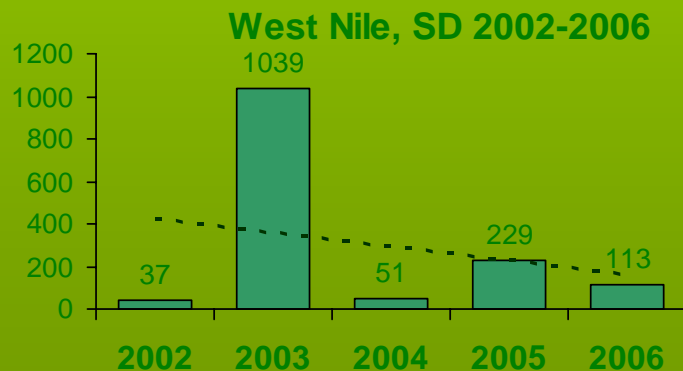
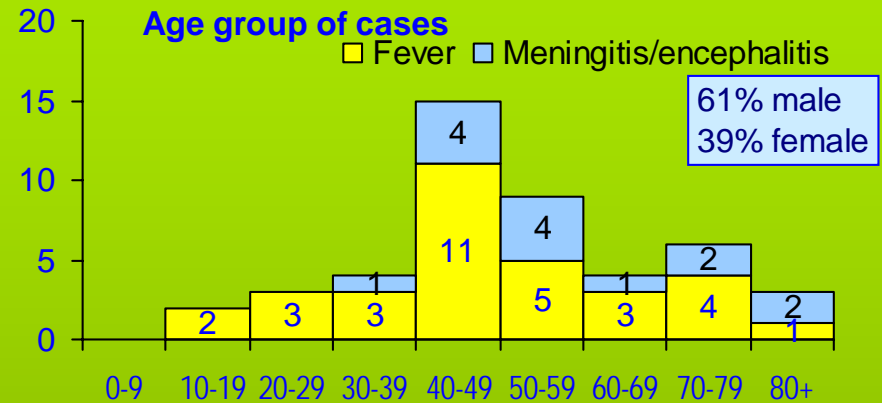
Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 July 2007

Provisional data

West Nile disease, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	19	12.8
Northeast	18	9.9
Southeast	6	2.3
Western	3	1.6
TOTAL	46	5.9 +53%
5-year median	30	3.8



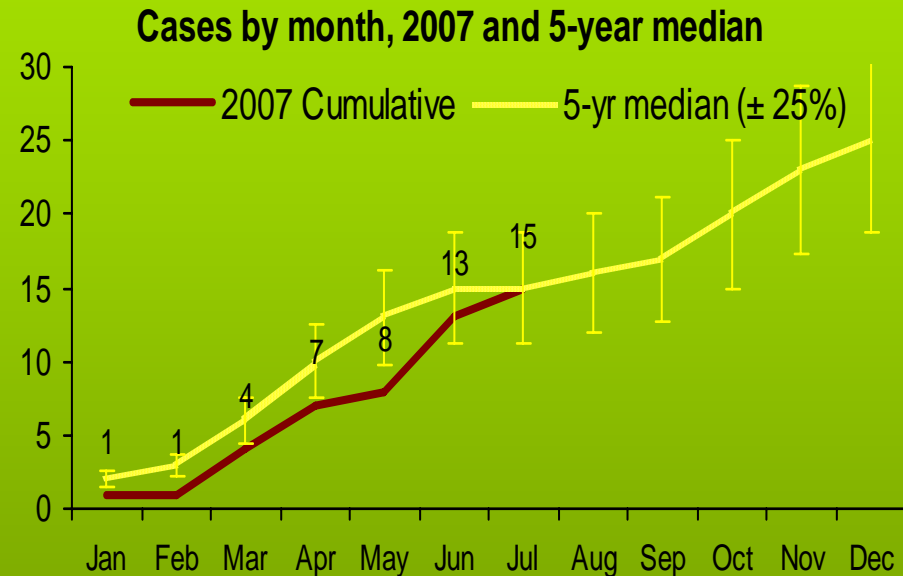
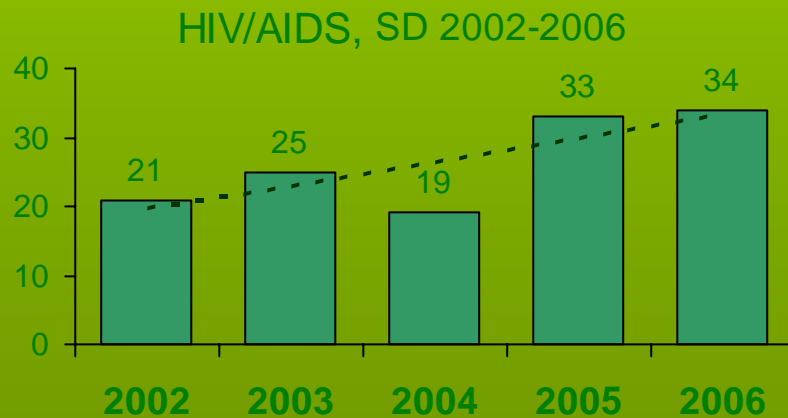
West Nile information: <http://westnile.sd.gov>

1 January – 30 July 2007

Provisional data

HIV/AIDS, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	2	1.1
Southeast	9	3.5
West	2	1.0
TOTAL	15	1.9 0%
5-year median	15	1.9



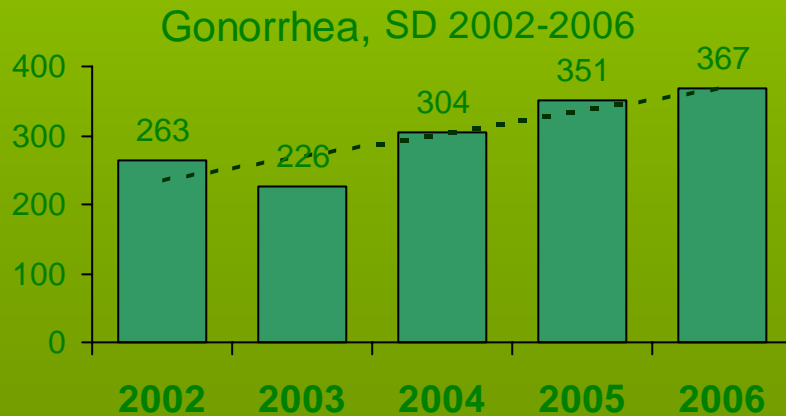
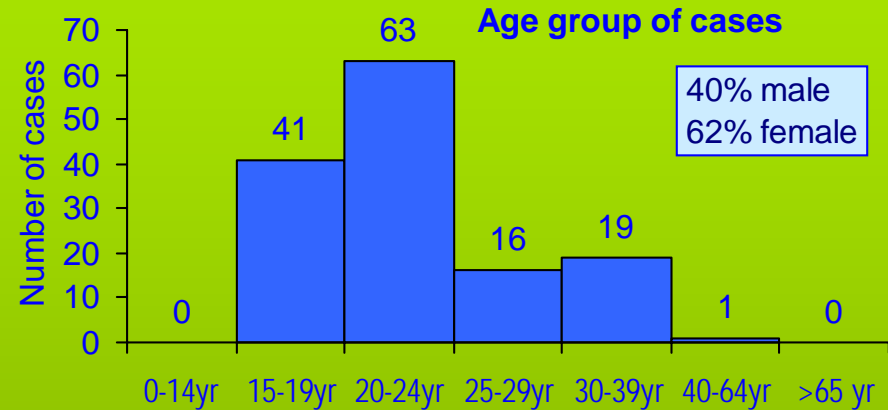
HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

1 January – 30 July 2007

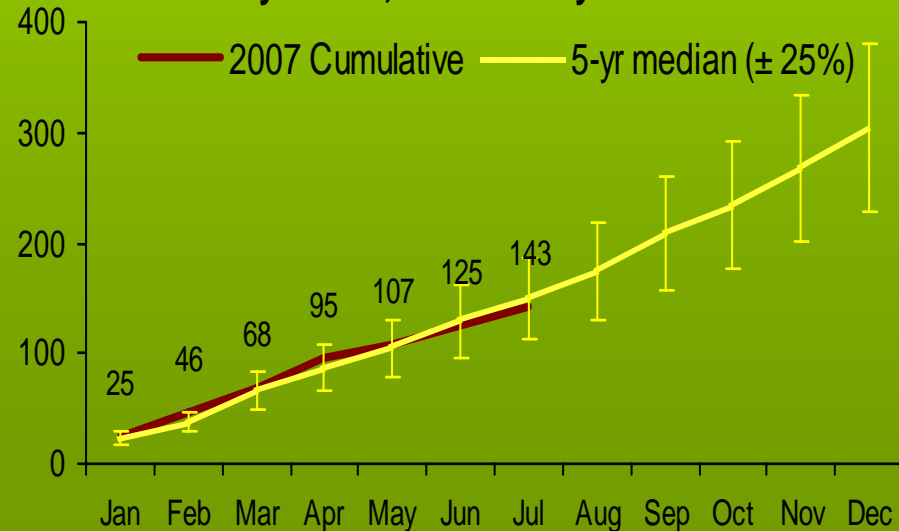
Provisional data

Gonorrhea, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	30	19.9
Northeast	9	4.9
Southeast	63	24.4
West	41	21.5
TOTAL	143	18.3 -5%
5-year median	150	19.3



Cases by month, 2007 and 5-year median



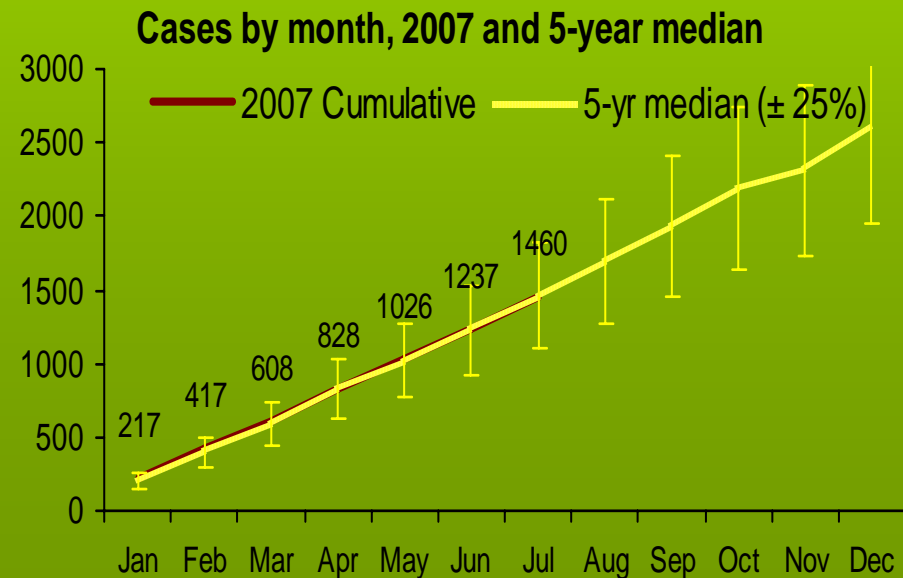
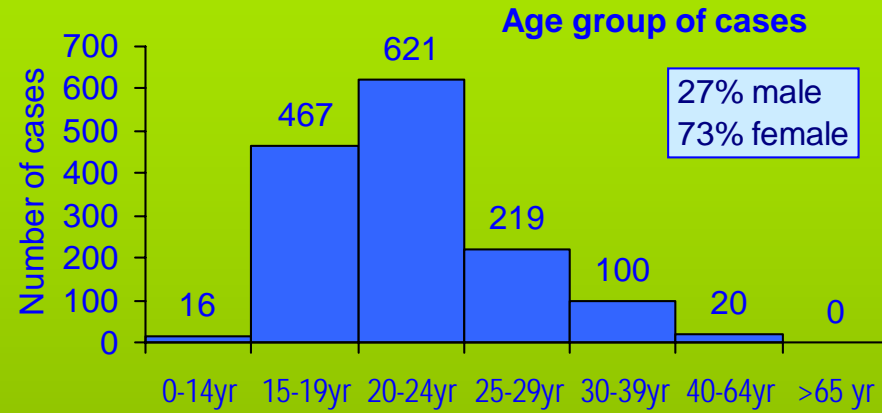
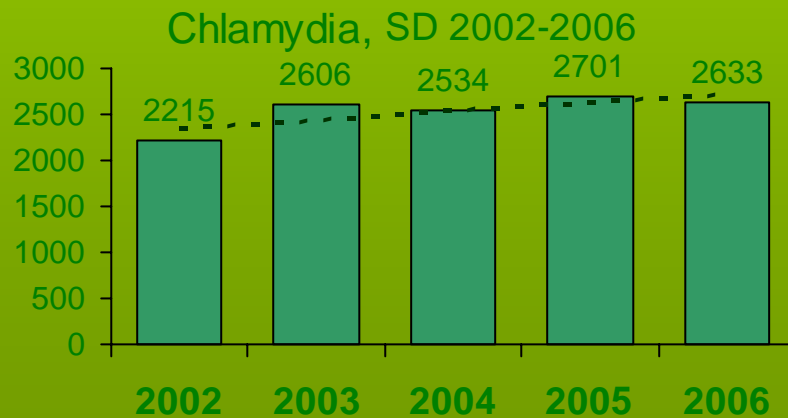
Gonorrhea fact sheet: <http://westnile.sd.gov>

1 January – 30 July 2007

Provisional data

Chlamydia, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	335	222
Northeast	228	125
Southeast	414	160
West	483	253
TOTAL	1460	187 0%
5-year median	1462	188

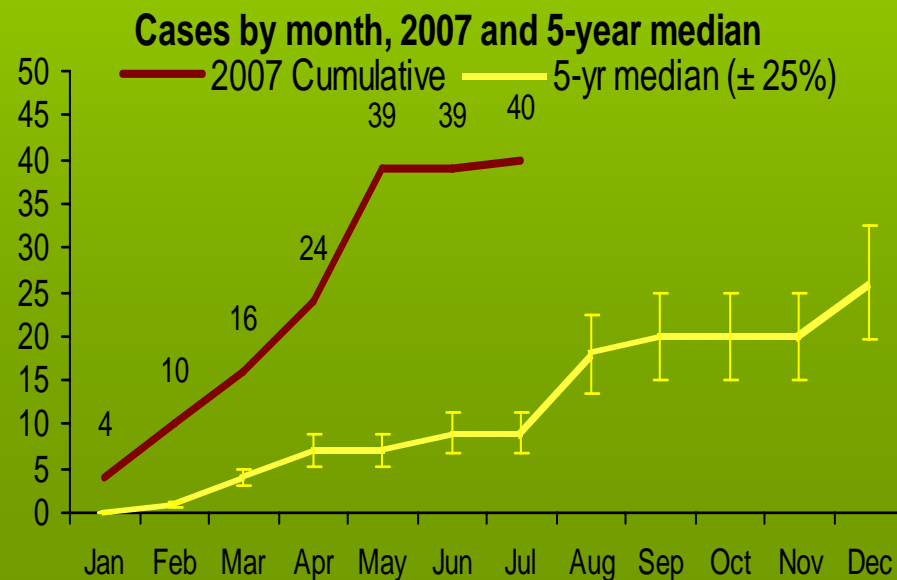
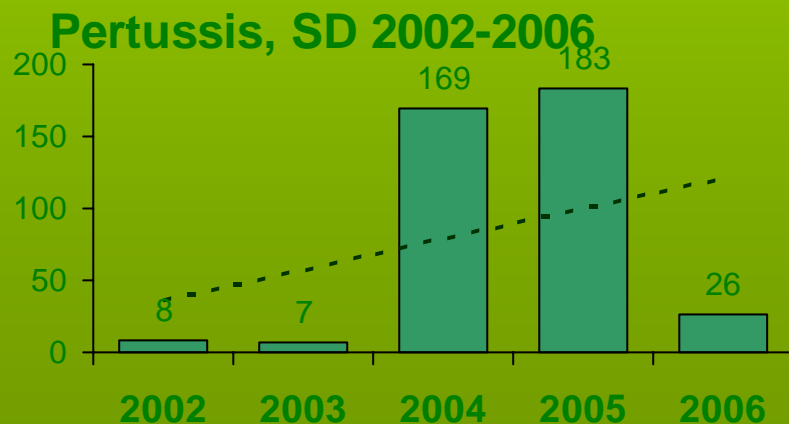
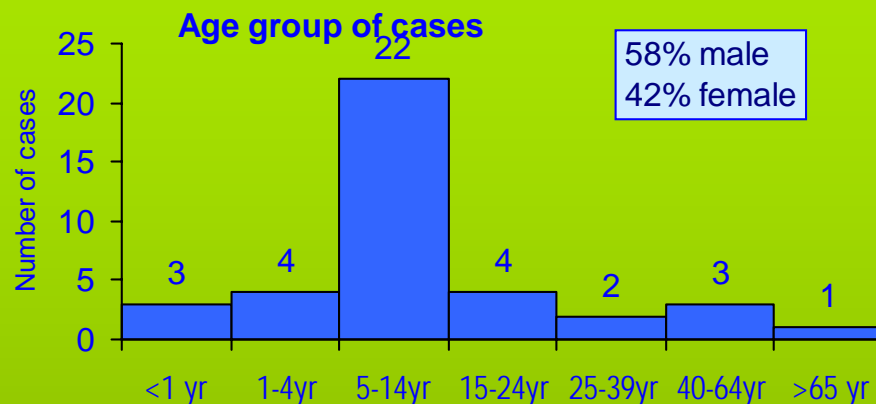


1 January – 30 July 2007

Provisional data

Pertussis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	5	3.4
Northeast	0	0.0
Southeast	32	12.2
Western	3	1.6
TOTAL	40	5.1 +344%
5-year median	9	1.2



Pertussis fact sheet:

<http://doh.sd.gov/diseasefacts>

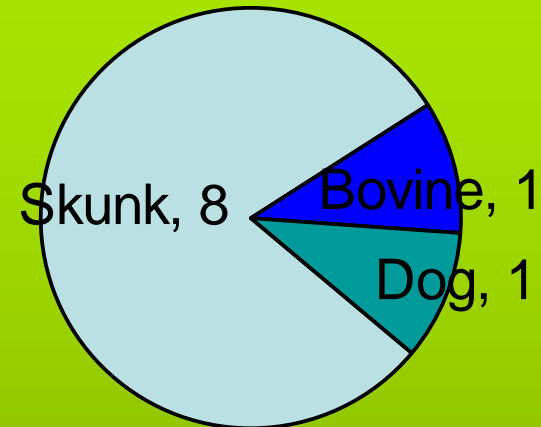
1 January – 30 July 2007

Provisional data

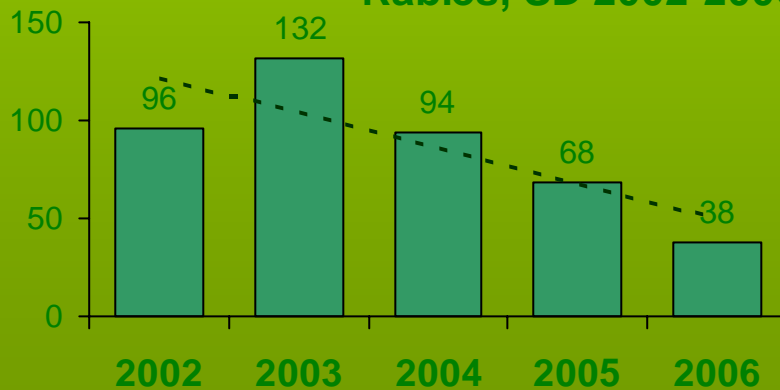
Rabies, South Dakota

County: Rabid animals

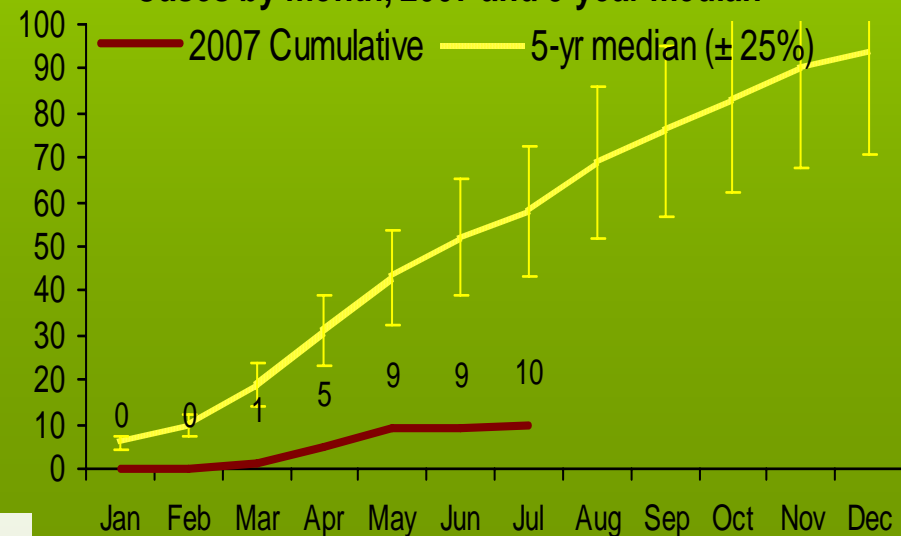
- Brookings: skunk 1
- Brown: skunks 2
- Clark: bovine 1
- Deuel: skunk 1
- Deuel: skunk 1
- Faulk: skunk 1
- Meade: skunk 1
- Tripp: skunk 1
- Walworth: dog 1



Rabies, SD 2002-2006



Cases by month, 2007 and 5-year median



Rabies fact sheet: www.state.sd.us/doh/Pubs/rabies.htm

Other low incidence or newly reportable diseases, South Dakota, YTD 2007

- Chicken pox, 58 cases
- Dengue fever, 3 cases (travel related cases)
- Hepatitis A, acute, 5 cases
- Hepatitis B, acute, 1 case
- Hepatitis B, chronic, 16 cases
- Hepatitis C, chronic, 109 cases
- Herpes (genital and neonatal), 225 cases
- Legionnaires' disease, 3 cases
- Malaria, 1 case
- Meningococcal, invasive disease, 3 cases (Group-Y 2, Group-B 1)
- MRSA, invasive, 47 cases
- Mumps, 2 cases
- Q fever, 1 case
- Rocky Mountain Spotted Fever, 2 cases
- Streptococcus, Group A, invasive, 7 cases
- Streptococcus, Group B, invasive, 9 cases
- Streptococcus pneumoniae, drug-resistant, 10 cases
- Syphilis, early, 7 cases (4 males, 3 women; 4 primary syphilis, 3 early latent syphilis)
- Tuberculosis, active, 7 cases
- Tularemia, 5 cases

1 January – 30 July 2007

Provisional data

Reportable Diseases List:

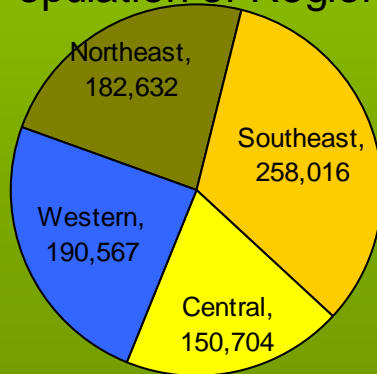
www.state.sd.us/doh/Disease/report.htm



To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked *"Confidential Disease Report"*

Population of Regions



South Dakota 2006 population est: 781,919

